

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	55	(US-20050102583-\$ or US-20060178863-\$ or US-20020059054-\$ or US-20050216248-\$ or US-20040210592-\$ or US-20020019969-\$ or US-20020032559-\$ or US-20040015887-\$ or US-20030144828-\$ or US-20050060129-\$ or US-20030171908-\$ or US-20050102125-\$ or US-20020152060-\$ or US-20050228630-\$ or US-20060117274-\$ or US-20050091643-\$ or US-20020073400-\$ or US-20040216091-\$ or US-20050102572-\$).did. or (US-7072820-\$ or US-5678028-\$ or US-7178112-\$ or US-6584436-\$ or US-6263302-\$ or US-6230114-\$ or US-5771370-\$ or US-6212489-\$ or US-5768567-\$ or US-6754763-\$ or US-6421251-\$ or US-6810442-\$ or US-6651225-\$ or US-6389379-\$ or US-6026230-\$ or US-7167817-\$ or US-5546562-\$ or US-6052524-\$ or US-6678645-\$ or US-6785873-\$ or US-6321366-\$ or US-6009256-\$ or US-6134516-\$ or US-4989207-\$ or US-5615357-\$ or US-6615167-\$).did. or (US-6848084-\$ or US-5838948-\$ or US-4924429-\$ or US-6202173-\$ or US-6003143-\$ or US-6606671-\$ or US-6694427-\$ or US-7178134-\$ or US-6718485-\$ or US-6769116-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/06/02 11:48
L6	22	5 and (assembler assembly)	US-PGPUB; USPAT	OR	OFF	2007/06/02 11:48
S1	1	10/706127	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 11:03
S2	0	("2005/0102583").URPN.	USPAT	OR	OFF	2007/05/30 18:13

## EAST Search History

S3	248	((rtl (register adj transfer adj logic)) with (simulat\$3)) and compiler\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 18:25
S4	219	S3 and (@ad<="20031112" @pd<="20031112" @rlad<="20031112" @prad<="20031112")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 18:26
S5	153	((rtl (register adj transfer adj logic)) with (simulat\$3)) and compiler\$1 and debug\$4 and memory	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 18:30
S6	140	S5 and (@ad<="20031112" @pd<="20031112" @rlad<="20031112" @prad<="20031112")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 18:31
S7	129	((rtl (register adj transfer adj logic)) with (simulat\$3)) and compiler\$1 and debug\$4 and memory and address\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 18:31
S8	100	((rtl (register adj transfer adj logic)) with (simulat\$3)) and compiler\$1 and debug\$4 and (memory near3 (address\$3 access\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 18:31
S9	91	S8 and (@ad<="20031112" @pd<="20031112" @rlad<="20031112" @prad<="20031112")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 18:31
S10	153	(hardware with software with (co-simulat\$4 cosimulat\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 11:03
S11	100	(hardware with software with (co-simulat\$4 cosimulat\$4)) and ("703" "714" "717").clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 11:03

## EAST Search History

S12	93	(hardware with software with (co-simulat\$4 cosimulat\$4)) and ("703" "714" "717").clas. and (@ad<="20031112" @pd<="20031112" @rlad<="20031112" @prad<="20031112")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 11:04
S13	139	(hardware with software with (co-simulat\$4 cosimulat\$4)) and (@ad<="20031112" @pd<="20031112" @rlad<="20031112" @prad<="20031112")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 11:33
S14	59	(hardware with software with (co-simulat\$4 cosimulat\$4)) and ((user adj interface\$1) gui)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 11:33
S15	59	S14 and (@ad<="20031112" @pd<="20031112" @rlad<="20031112" @prad<="20031112")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 14:36
S16	0	("2006/0178863").URPN.	USPAT	OR	OFF	2007/05/31 11:37
S17	19	("2002/0059054").URPN.	USPAT	OR	OFF	2007/05/31 12:15
S18	19	("2002/0059054").URPN.	USPAT	OR	OFF	2007/05/31 12:15
S19	13	("20010011210"   "5768567"   "5771370"   "6009256"   "6026230"   "6134516"   "6212489"   "6230114"   "6263302"   "6321366"   "6389379"   "6421251"   "6651225").PN. OR ("7072820").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 12:22
S20	24	("5313618"   "5327361"   "5329471"   "5357628"   "5388060"   "5438673"   "5440697").PN. OR ("5678028").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 12:24
S21	2	("20040019872").PN. OR ("2004/0210592"   "2005/0216248"   "7178112").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 12:28

## EAST Search History

S22	95	("5025364"   "5493508"   "5493672"   "5515525"   "5546562"   "5590049"   "5600579"   "5600790"   "5623418"   "5663900"   "5664098"   "5673418"   "5675771"   "5678028"   "5768567"   "5771370"   "5787245"   "5801958"   "5809450"   "5812431"   "5815715"   "5819065"   "5838948"   "5848236"   "5848270"   "5857091"   "5862361"   "5867399"   "5867400"   "5870308"   "5870585"   "5870588"   "5872958"   "5886899"   "5909578"   "5913052"   "5918035"   "5943490"   "5946472"   "5960181"   "5960182"   "5963724"   "6009256"   "6052524"   "6110220"   "6178542"   "6202044"   "6212489"   "6389379"   "6389382").PN. OR ("2002/0019969"   "2002/0032559"   "6230114"   "6263302"   "6584436").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 12:33
S23	52	("4868770"   "5493672"   "5546562"   "5551013"   "5640546"   "5663900"   "5768567"   "5771370"   "5870588").PN. OR ("5768567"   "5771370"   "6212489").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 12:39
S24	0	("2004/0015887").URPN.	USPAT	OR	OFF	2007/05/31 12:39
S25	0	("2004/0015887").URPN.	USPAT	OR	OFF	2007/05/31 12:41
S26	4	("2003/0144828").URPN.	USPAT	OR	OFF	2007/05/31 12:42
S27	16	("5070529"   "5435737"   "5604871"   "5625780"   "6170059"   "6363450").PN. OR ("6754763").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 13:22
S28	8	("5815688"   "5838948"   "6134516").PN. OR ("6810442"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 13:22
S29	25	("5410678"   "6009256"   "6321366").PN. OR ("6651225"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 13:22

## EAST Search History

S30	154	( "3106698"   "3287702"   "3287703"   "3473160"   "4020469"   "4306286"   "4386403"   "4488354"   "4503386"   "4541071"   "4577276"   "4578761"   "4593363"   "4612618"   "4621339"   "4642487"   "4656580"   "4656592"   "4675832"   "4682440"   "4695999"   "4697241"   "4700187"   "4706216"   "4736338"   "4740919"   "4744084"   "4747102"   "4752887"   "4758985"   "4768196"   "4777606"   "4786904"   "4787061"   "4791602"   "4803636"   "4811214"   "4815003"   "4823276"   "4827427"   "4835705"   "4849904"   "4849928"   "4862347"   "4870302"   "4872125"   "4876466"   "4882690"   "4901259"   "4901260"   "4908772"   "4914612"   "4918440"   "4918594"   "4922432"   "4924429"   "4931946"   "4935734"   "4942536"   "4942615"   "4945503"   "4949275"   "4951220"   "4965739"   "5003487"   "5023775"   "5036473"   "5041986"   "5046017"   "5051938"   "5053980"   "5081602"   "5084824"   "5093920"   "5109353"   "5114353"   "5126966"   "5128871"   "5140526"   "5146460"   "5189628"   "5193068"   "5197016"   "5224056"   "5231588"   "5231589"   "5233539"   "5253181"   "5258932"   "5259006"   "5260881"   "5263149"   "5272651"   "5329470"   "5343406"   "5352123"   "5371390"   "5377124"   "5425036"   "5448496"   "5448522"   "5452227"   "5452231"   "5452239"   "5467462"   "5475830"   "5477475"   "5504354"   "5546562"   "5563829"   "5612891"   "5644515"   "5649167"   "5654564"   "5657241"   "5661400"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 13:22
6/2/07 2:28:42 PM C:\Documents and Settings\GCHU\My Documents\	EAST\workspaces\10706127.wsp					Page 5

## EAST Search History

S31	155	("3106698"   "3287702"   "3287703"   "3473160"   "4020469"   "4306286"   "4386403"   "4488354"   "4503386"   "4541071"   "4577276"   "4578761"   "4593363"   "4612618"   "4621339"   "4642487"   "4656580"   "4656592"   "4675832"   "4682440"   "4695999"   "4697241"   "4700187"   "4706216"   "4736338"   "4740919"   "4744084"   "4747102"   "4752887"   "4758985"   "4768196"   "4777606"   "4786904"   "4787061"   "4791602"   "4803636"   "4811214"   "4815003"   "4823276"   "4827427"   "4835705"   "4849904"   "4849928"   "4862347"   "4870302"   "4872125"   "4876466"   "4882690"   "4901259"   "4901260"   "4908772"   "4914612"   "4918440"   "4918594"   "4922432"   "4924429"   "4931946"   "4935734"   "4942536"   "4942615"   "4945503"   "4949275"   "4951220"   "4965739"   "5003487"   "5023775"   "5041986"   "5046017"   "5051938"   "5053980"   "5081602"   "5084824"   "5093920"   "5109353"   "5114353"   "5126966"   "5128871"   "5140526"   "5146460"   "5189628"   "5193068"   "5197016"   "5224056"   "5231588"   "5231589"   "5233539"   "5253181"   "5258932"   "5259006"   "5260881"   "5263149"   "5272651"   "5329470"   "5343406"   "5352123"   "5371390"   "5377124"   "5425036"   "5448496"   "5448522"   "5452227"   "5452231"   "5452239"   "5467462"   "5475830"   "5477475"   "5504354"   "5563829"   "5612891"   "5644515"   "5649167"   "5654564"   "5657241"   "5661409"   "5661667"   "5706677"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 13:23
6/2/07 2:28:42 PM	C:\Documents and Settings\GCN\My Documents\	EAST\workspaces\10706127.wsp				Page 6

## EAST Search History

S32	52	("5146460"   "5329471"   "5475605"   "5493507"   "5544067"   "5600579"   "5615357"   "5678028"   "5715443"   "5862361"   "5870585"   "5949993").PN. OR ("6052524").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 14:00
S33	0	("2003/0171908").URPN.	USPAT	OR	OFF	2007/05/31 14:06
S34	5	("2005/0102125").URPN.	USPAT	OR	OFF	2007/05/31 14:18
S35	2	("2006/0117274").URPN.	USPAT	OR	OFF	2007/05/31 14:19

## EAST Search History

S36	178	( "3106698"   "3287702"   "3287703"   "3473160"   "4020469"   "4306286"   "4386403"   "4488354"   "4503386"   "4578761"   "4612618"   "4621339"   "4642487"   "4656580"   "4656592"   "4675832"   "4695999"   "4697241"   "4700187"   "4706216"   "4736338"   "4740919"   "4744084"   "4747102"   "4752887"   "4758985"   "4768196"   "4777606"   "4786904"   "4787061"   "4791602"   "4803636"   "4811214"   "4815003"   "4823276"   "4827427"   "4835705"   "4849904"   "4849928"   "4862347"   "4870302"   "4872125"   "4876466"   "4882690"   "4901259"   "4901260"   "4908772"   "4914612"   "4918440"   "4918594"   "4922432"   "4924429"   "4931946"   "4935734"   "4942536"   "4942615"   "4945503"   "4949275"   "4951220"   "4965739"   "5003487"   "5023775"   "5041986"   "5046017"   "5051938"   "5053980"   "5081602"   "5084824"   "5093920"   "5109353"   "5114353"   "5126966"   "5128871"   "5140526"   "5146460"   "5189628"   "5193068"   "5197016"   "5224056"   "5231588"   "5231589"   "5233539"   "5253181"   "5258932"   "5259006"   "5260881"   "5263149"   "5272651"   "5329470"   "5343406"   "5352123"   "5371390"   "5377124"   "5425036"   "5448496"   "5448522"   "5452227"   "5452231"   "5452239"   "5467462"   "5475830"   "5477475"   "5504354"   "5563829"   "5572710"   "5612891"   "5644515"   "5649167"   "5654564"   "5657241"   "5661409"   "5661662"   "5663900"   "5748875"   "5771270"   "5706672"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 14:20
6/2/07 2:28:42 PM		C:\Documents and Settings\GChu\My Documents\EAST\workspaces\10706127.wsp				Page 8



## EAST Search History

S37	157	("3106698"   "3287702"   "3287703"   "3473160"   "4020469"   "4306286"   "4386403"   "4488354"   "4503386"   "4541071"   "4577276"   "4578761"   "4593363"   "4612618"   "4621339"   "4642487"   "4656580"   "4656592"   "4675832"   "4682440"   "4695999"   "4697241"   "4700187"   "4706216"   "4736338"   "4740919"   "4744084"   "4747102"   "4752887"   "4758985"   "4768196"   "4777606"   "4786904"   "4787061"   "4791602"   "4803636"   "4811214"   "4815003"   "4819150"   "4823276"   "4827427"   "4835705"   "4849904"   "4849928"   "4862347"   "4870302"   "4872125"   "4876466"   "4882690"   "4901259"   "4901260"   "4908772"   "4914612"   "4918440"   "4918594"   "4922432"   "4924429"   "4931946"   "4935734"   "4942536"   "4942615"   "4945503"   "4949275"   "4951220"   "4965739"   "5003487"   "5023775"   "5036473"   "5041986"   "5046017"   "5051938"   "5053980"   "5081602"   "5084824"   "5093920"   "5109353"   "5114353"   "5126966"   "5128871"   "5140526"   "5146460"   "5189628"   "5193068"   "5197016"   "5224056"   "5231588"   "5231589"   "5233539"   "5253181"   "5258932"   "5259006"   "5260881"   "5263149"   "5272651"   "5329470"   "5343406"   "5352123"   "5371390"   "5375074"   "5377124"   "5425036"   "5448496"   "5448522"   "5452227"   "5452231"   "5452239"   "5467462"   "5475830"   "5477475"   "5504354"   "5513339"   "5546562"   "5563829"   "5603015"   "5613801"   "5644515"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 14:33
6/2/07 2:28:42 PM	C:\Documents and Settings\GCHU\My Documents\	EAST\workspaces\10706127.wsp				Page 9

## EAST Search History

S38	3	((("6134516") or ("6175946") or ("6785873")).PN.	US-PGPUB; USPAT	OR	OFF	2007/05/31 14:33
S40	7	((("4527249") or ("4967288") or ("5214775") or ("5600579") or ("5852449") or ("6188975") or ("6587995")).PN.	US-PGPUB; USPAT	OR	OFF	2007/05/31 14:34
S41	3	((("6167363") or ("6421823") or ("6718294")).PN.	US-PGPUB; USPAT	OR	OFF	2007/05/31 14:34
S42	13	((("5197016") or ("5548717") or ("5870308") or ("5946474") or ("20030069724") or ("20040059678") or ("6760888") or ("20050060549") or ("20050144641") or ("20050193280") or ("20050234811") or ("20050273432") or ("20050273433")).PN.	US-PGPUB; USPAT	OR	OFF	2007/05/31 14:36
S43	9	((("5987243") or ("6094654") or ("6263302") or ("20020038401") or ("20020138244") or ("20030115564") or ("20040226000") or ("20040250083") or ("20050027973")).PN.	US-PGPUB; USPAT	OR	OFF	2007/05/31 14:36

## EAST Search History

S45	38	(US-20050102583-\$ or US-20060178863-\$ or US-20020059054-\$ or US-20050216248-\$ or US-20040210592-\$ or US-20020019969-\$ or US-20020032559-\$ or US-20040015887-\$ or US-20030144828-\$ or US-20050060129-\$ or US-20030171908-\$ or US-20050102125-\$ or US-20020152060-\$ or US-20050228630-\$ or US-20060117274-\$).did. or (US-7072820-\$ or US-5678028-\$ or US-7178112-\$ or US-6584436-\$ or US-6263302-\$ or US-6230114-\$ or US-5771370-\$ or US-6212489-\$ or US-5768567-\$ or US-6754763-\$ or US-6421251-\$ or US-6810442-\$ or US-6651225-\$ or US-6389379-\$ or US-6026230-\$ or US-7167817-\$ or US-5546562-\$ or US-6052524-\$ or US-6678645-\$ or US-6785873-\$ or US-6321366-\$ or US-6009256-\$ or US-6134516-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/05/31 14:37
S46	155	(S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S29 S30 S31 S32 S33 S34 S35 S36 S37 S38 S40 S41 S42 S43) and ((user adj interface\$1) gui)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 14:37
S47	133	(S46 not S45) and (@ad<="20031112" @pd<="20031112" @rlad<="20031112" @prad<="20031112")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 17:22
S48	205	simulat\$3 and (address\$2 with identif\$8 with access\$3) and (access\$3 with identif\$8 with (code))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 17:05
S49	17	simulat\$3 and (address\$2 with identif\$8 with access\$3) and (access\$3 with identif\$8 with (code)) and ("714" "703" "717"). clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 17:07

## EAST Search History

S50	52	("5146460"   "5329471"   "5475605"   "5493507"   "5544067"   "5600579"   "5615357"   "5678028"   "5715443"   "5862361"   "5870585"   "5949993").PN. OR ("6052524").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/31 17:21
S51	52	(S50) and (@ad<="20031112" @pd<="20031112" @rlad<="20031112" @prad<="20031112")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 17:50
S52	762	717/128	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 17:50
S53	955	714/45	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 17:50
S54	283	(S52 S53) and (memory with (address\$2 location\$1) with access\$3) and (@ad<="20031112" @pd<="20031112" @rlad<="20031112" @prad<="20031112")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 09:19
S55	1742	(memory with (address\$2 location\$1) with access\$3) same ((identi\$5 determin\$6 match\$3 locat\$4 isolat\$3 correlat\$4) near3 (code software))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 17:53
S56	20	(S52 S53) and (S55) and (@ad<="20031112" @pd<="20031112" @rlad<="20031112" @prad<="20031112")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 18:01
S57	31	((memory with (address\$2 location\$1) with access\$3) same ((identi\$5 determin\$6 match\$3 locat\$4 isolat\$3 correlat\$4) near3 (code software))) and ((trace\$1 tracing) near3 analy\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 18:04
S58	19	(S57) and (@ad<="20031112" @pd<="20031112" @rlad<="20031112" @prad<="20031112")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 18:10

## EAST Search History

S59	31	((memory with (address\$2 location\$1) with access\$3) same ((identi\$5 determin\$6 match\$3 locat\$4 isolat\$3 correlat\$4 correspond\$4) near3 (code software))) and ((trace\$1 tracing) near3 analy\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 18:09
S60	33	((memory with (address\$2 location\$1) with (access\$3 monitor\$3 observ\$6)) same ((identi\$5 determin\$6 match\$3 locat\$4 isolat\$3 correlat\$4 correspond\$4) near3 (code software))) and ((trace\$1 tracing) near3 analy\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 18:19
S61	21	(S60) and (@ad<="20031112" @pd<="20031112" @rlad<="20031112" @prad<="20031112")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 18:19
S62	104	((memory with (address\$2 location\$1) with (access\$3 monitor\$3 observ\$6)) same ((identi\$5 determin\$6 match\$3 locat\$4 isolat\$3 correlat\$4 correspond\$4) near3 (code software instruction\$1 opcode\$1 operation\$1 command\$1))) and ((trace\$1 tracing) near3 analy\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 18:19
S63	68	(S62 not S60) and (@ad<="20031112" @pd<="20031112" @rlad<="20031112" @prad<="20031112")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 18:19
S64	0	("2006/0178863").URPN.	USPAT	OR	OFF	2007/06/01 09:17
S65	19	("2002/0059054").URPN.	USPAT	OR	OFF	2007/06/01 09:17
S66	19	("2002/0059054").URPN.	USPAT	OR	OFF	2007/06/01 09:17
S67	13	("20010011210"   "5768567"   "5771370"   "6009256"   "6026230"   "6134516"   "6212489"   "6230114"   "6263302"   "6321366"   "6389379"   "6421251"   "6651225").PN. OR ("7072820"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/01 09:17
S68	24	("5313618"   "5327361"   "5329471"   "5357628"   "5388060"   "5438673"   "5440697").PN. OR ("5678028"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/01 09:17

## EAST Search History

S69	2	("20040019872").PN. OR ("2004/0210592"   "2005/0216248"   "7178112"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/01 09:17
S70	95	("5025364"   "5493508"   "5493672"   "5515525"   "5546562"   "5590049"   "5600579"   "5600790"   "5623418"   "5663900"   "5664098"   "5673418"   "5675771"   "5678028"   "5768567"   "5771370"   "5787245"   "5801958"   "5809450"   "5812431"   "5815715"   "5819065"   "5838948"   "5848236"   "5848270"   "5857091"   "5862361"   "5867399"   "5867400"   "5870308"   "5870585"   "5870588"   "5872958"   "5886899"   "5909578"   "5913052"   "5918035"   "5943490"   "5946472"   "5960181"   "5960182"   "5963724"   "6009256"   "6052524"   "6110220"   "6178542"   "6202044"   "6212489"   "6389379"   "6389382").PN. OR ("2002/0019969"   "2002/0032559"   "6230114"   "6263302"   "6584436").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/01 09:17
S71	52	("4868770"   "5493672"   "5546562"   "5551013"   "5640546"   "5663900"   "5768567"   "5771370"   "5870588").PN. OR ("5768567"   "5771370"   "6212489").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/01 09:17
S72	0	("2004/0015887").URPN.	USPAT	OR	OFF	2007/06/01 09:17
S73	0	("2004/0015887").URPN.	USPAT	OR	OFF	2007/06/01 09:17
S74	4	("2003/0144828").URPN.	USPAT	OR	OFF	2007/06/01 09:17
S75	16	("5070529"   "5435737"   "5604871"   "5625780"   "6170059"   "6363450").PN. OR ("6754763").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/01 09:17
S76	8	("5815688"   "5838948"   "6134516").PN. OR ("6810442"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/01 09:17

## EAST Search History

S77	25	("5410678"   "6009256"   "6321366").PN. OR ("6651225"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/01 09:17
-----	----	---	------------------------------	----	-----	------------------

## EAST Search History

S78	154	("3106698"   "3287702"   "3287703"   "3473160"   "4020469"   "4306286"   "4386403"   "4488354"   "4503386"   "4541071"   "4577276"   "4578761"   "4593363"   "4612618"   "4621339"   "4642487"   "4656580"   "4656592"   "4675832"   "4682440"   "4695999"   "4697241"   "4700187"   "4706216"   "4736338"   "4740919"   "4744084"   "4747102"   "4752887"   "4758985"   "4768196"   "4777606"   "4786904"   "4787061"   "4791602"   "4803636"   "4811214"   "4815003"   "4823276"   "4827427"   "4835705"   "4849904"   "4849928"   "4862347"   "4870302"   "4872125"   "4876466"   "4882690"   "4901259"   "4901260"   "4908772"   "4914612"   "4918440"   "4918594"   "4922432"   "4924429"   "4931946"   "4935734"   "4942536"   "4942615"   "4945503"   "4949275"   "4951220"   "4965739"   "5003487"   "5023775"   "5036473"   "5041986"   "5046017"   "5051938"   "5053980"   "5081602"   "5084824"   "5093920"   "5109353"   "5114353"   "5126966"   "5128871"   "5140526"   "5146460"   "5189628"   "5193068"   "5197016"   "5224056"   "5231588"   "5231589"   "5233539"   "5253181"   "5258932"   "5259006"   "5260881"   "5263149"   "5272651"   "5329470"   "5343406"   "5352123"   "5371390"   "5377124"   "5425036"   "5448496"   "5448522"   "5452227"   "5452231"   "5452239"   "5467462"   "5475830"   "5477475"   "5504354"   "5546562"   "5563829"   "5612891"   "5644515"   "5649167"   "5654564"   "5657741"   "5661400"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/01 09:17
6/2/07 2:28:42 PM	C:\Documents and Settings\GCHUMy Documents\	EAST\workspaces\10706127.wsp				Page 16



## EAST Search History

S79	155	("3106698"   "3287702"   "3287703"   "3473160"   "4020469"   "4306286"   "4386403"   "4488354"   "4503386"   "4541071"   "4577276"   "4578761"   "4593363"   "4612618"   "4621339"   "4642487"   "4656580"   "4656592"   "4675832"   "4682440"   "4695999"   "4697241"   "4700187"   "4706216"   "4736338"   "4740919"   "4744084"   "4747102"   "4752887"   "4758985"   "4768196"   "4777606"   "4786904"   "4787061"   "4791602"   "4803636"   "4811214"   "4815003"   "4823276"   "4827427"   "4835705"   "4849904"   "4849928"   "4862347"   "4870302"   "4872125"   "4876466"   "4882690"   "4901259"   "4901260"   "4908772"   "4914612"   "4918440"   "4918594"   "4922432"   "4924429"   "4931946"   "4935734"   "4942536"   "4942615"   "4945503"   "4949275"   "4951220"   "4965739"   "5003487"   "5023775"   "5041986"   "5046017"   "5051938"   "5053980"   "5081602"   "5084824"   "5093920"   "5109353"   "5114353"   "5126966"   "5128871"   "5140526"   "5146460"   "5189628"   "5193068"   "5197016"   "5224056"   "5231588"   "5231589"   "5233539"   "5253181"   "5258932"   "5259006"   "5260881"   "5263149"   "5272651"   "5329470"   "5343406"   "5352123"   "5371390"   "5377124"   "5425036"   "5448496"   "5448522"   "5452227"   "5452231"   "5452239"   "5467462"   "5475830"   "5477475"   "5504354"   "5563829"   "5612891"   "5644515"   "5649167"   "5654564"   "5657241"   "5661409"   "5661667"   "5706677"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/01 09:17
6/2/07 2:28:42 PM	C:\Documents and Settings\scm\My Documents\	EAST\workspaces\10706127.wsp				Page 17

## EAST Search History

S80	52	("5146460"   "5329471"   "5475605"   "5493507"   "5544067"   "5600579"   "5615357"   "5678028"   "5715443"   "5862361"   "5870585"   "5949993").PN. OR ("6052524").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/01 09:17
S81	0	("2003/0171908").URPN.	USPAT	OR	OFF	2007/06/01 09:17
S82	5	("2005/0102125").URPN.	USPAT	OR	OFF	2007/06/01 09:17
S83	2	("2006/0117274").URPN.	USPAT	OR	OFF	2007/06/01 09:17

## EAST Search History

S84	178	("3106698"   "3287702"   "3287703"   "3473160"   "4020469"   "4306286"   "4386403"   "4488354"   "4503386"   "4578761"   "4612618"   "4621339"   "4642487"   "4656580"   "4656592"   "4675832"   "4695999"   "4697241"   "4700187"   "4706216"   "4736338"   "4740919"   "4744084"   "4747102"   "4752887"   "4758985"   "4768196"   "4777606"   "4786904"   "4787061"   "4791602"   "4803636"   "4811214"   "4815003"   "4823276"   "4827427"   "4835705"   "4849904"   "4849928"   "4862347"   "4870302"   "4872125"   "4876466"   "4882690"   "4901259"   "4901260"   "4908772"   "4914612"   "4918440"   "4918594"   "4922432"   "4924429"   "4931946"   "4935734"   "4942536"   "4942615"   "4945503"   "4949275"   "4951220"   "4965739"   "5003487"   "5023775"   "5041986"   "5046017"   "5051938"   "5053980"   "5081602"   "5084824"   "5093920"   "5109353"   "5114353"   "5126966"   "5128871"   "5140526"   "5146460"   "5189628"   "5193068"   "5197016"   "5224056"   "5231588"   "5231589"   "5233539"   "5253181"   "5258932"   "5259006"   "5260881"   "5263149"   "5272651"   "5329470"   "5343406"   "5352123"   "5371390"   "5377124"   "5425036"   "5448496"   "5448522"   "5452227"   "5452231"   "5452239"   "5467462"   "5475830"   "5477475"   "5504354"   "5563829"   "5572710"   "5612891"   "5644515"   "5649167"   "5654564"   "5657241"   "5661409"   "5661662"   "5663900"   "5748875"   "5771270"   "5706672"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/01 09:17
6/2/07 2:28:42 PM	C:\Documents and Settings\GCHU\My Documents\EAST\workspaces\10706127.wsp					Page 19

## EAST Search History

S85	157	("3106698"   "3287702"   "3287703"   "3473160"   "4020469"   "4306286"   "4386403"   "4488354"   "4503386"   "4541071"   "4577276"   "4578761"   "4593363"   "4612618"   "4621339"   "4642487"   "4656580"   "4656592"   "4675832"   "4682440"   "4695999"   "4697241"   "4700187"   "4706216"   "4736338"   "4740919"   "4744084"   "4747102"   "4752887"   "4758985"   "4768196"   "4777606"   "4786904"   "4787061"   "4791602"   "4803636"   "4811214"   "4815003"   "4819150"   "4823276"   "4827427"   "4835705"   "4849904"   "4849928"   "4862347"   "4870302"   "4872125"   "4876466"   "4882690"   "4901259"   "4901260"   "4908772"   "4914612"   "4918440"   "4918594"   "4922432"   "4924429"   "4931946"   "4935734"   "4942536"   "4942615"   "4945503"   "4949275"   "4951220"   "4965739"   "5003487"   "5023775"   "5036473"   "5041986"   "5046017"   "5051938"   "5053980"   "5081602"   "5084824"   "5093920"   "5109353"   "5114353"   "5126966"   "5128871"   "5140526"   "5146460"   "5189628"   "5193068"   "5197016"   "5224056"   "5231588"   "5231589"   "5233539"   "5253181"   "5258932"   "5259006"   "5260881"   "5263149"   "5272651"   "5329470"   "5343406"   "5352123"   "5371390"   "5375074"   "5377124"   "5425036"   "5448496"   "5448522"   "5452227"   "5452231"   "5452239"   "5467462"   "5475830"   "5477475"   "5504354"   "5513339"   "5546562"   "5563829"   "5603015"   "5613801"   "5644151"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/01 09:17
6/2/07 2:28:42 PM		C:\Documents and Settings\GCHU\My Documents\EAST\workspaces\10706127.wsp				Page 20

## EAST Search History

S86	3	((("6134516") or ("6175946") or ("6785873"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/06/01 09:17
S87	7	((("4527249") or ("4967288") or ("5214775") or ("5600579") or ("5852449") or ("6188975") or ("6587995"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/06/01 09:17
S88	3	((("6167363") or ("6421823") or ("6718294"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/06/01 09:17
S89	13	((("5197016") or ("5548717") or ("5870308") or ("5946474") or ("20030069724") or ("20040059678") or ("6760888") or ("20050060549") or ("20050144641") or ("20050193280") or ("20050234811") or ("20050273432") or ("20050273433"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/06/01 09:17
S90	9	((("5987243") or ("6094654") or ("6263302") or ("20020038401") or ("20020138244") or ("20030115564") or ("20040226000") or ("20040250083") or ("20050027973"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/06/01 09:17
S91	497	(S64 S65 S66 S67 S68 S69 S70 S71 S72 S73 S74 S75 S76 S77 S78 S79 S80 S81 S82 S83 S84 S85 S86 S87 S88 S89 S90) and (@ad<="20031112" @pd<="20031112" @rlad<="20031112" @prad<="20031112")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 09:48
S92	762	717/128	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 09:19
S93	955	714/45	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 09:19
S94	339	(S92 S93) and (memory with (address\$2 location\$1) with (access\$3 referenc\$3) ) and (@ad<="20031112" @pd<="20031112" @rlad<="20031112" @prad<="20031112")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 09:46

## EAST Search History

S95	602	(S92 S93) and ((address\$2 location\$1) with (access\$3 referenc\$3) ) and (@ad<="20031112" @pd<="20031112" @rlad<="20031112" @prad<="20031112")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 09:48
S96	422	(S92 S93) and ((address\$2 location\$1) near3 (access\$3 referenc\$3) ) and (@ad<="20031112" @pd<="20031112" @rlad<="20031112" @prad<="20031112")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 09:48
S97	112	(S64 S65 S66 S67 S68 S69 S70 S71 S72 S73 S74 S75 S76 S77 S78 S79 S80 S81 S82 S83 S84 S85 S86 S87 S88 S89 S90) and (@ad<="20031112" @pd<="20031112" @rlad<="20031112" @prad<="20031112") and ((address\$2 location\$1) near3 (access\$3 referenc\$3) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 11:13

## EAST Search History

S98	43	(US-20050102583-\$ or US-20060178863-\$ or US-20020059054-\$ or US-20050216248-\$ or US-20040210592-\$ or US-20020019969-\$ or US-20020032559-\$ or US-20040015887-\$ or US-20030144828-\$ or US-20050060129-\$ or US-20030171908-\$ or US-20050102125-\$ or US-20020152060-\$ or US-20050228630-\$ or US-20060117274-\$ or US-20050091643-\$).did. or (US-7072820-\$ or US-5678028-\$ or US-7178112-\$ or US-6584436-\$ or US-6263302-\$ or US-6230114-\$ or US-5771370-\$ or US-6212489-\$ or US-5768567-\$ or US-6754763-\$ or US-6421251-\$ or US-6810442-\$ or US-6651225-\$ or US-6389379-\$ or US-6026230-\$ or US-7167817-\$ or US-5546562-\$ or US-6052524-\$ or US-6678645-\$ or US-6785873-\$ or US-6321366-\$ or US-6009256-\$ or US-6134516-\$ or US-4989207-\$ or US-5615357-\$ or US-6615167-\$).did. or (US-6848084-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/06/01 10:26
S99	93	S97 not S98	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 10:37
S10 0	52	("5146460"   "5329471"   "5475605"   "5493507"   "5544067"   "5600579"   "5615357"   "5678028"   "5715443"   "5862361"   "5870585"   "5949993").PN. OR ("6052524").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/01 10:37
S10 1	86	S97 not (S98 S100)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 10:38

## EAST Search History

S10 4	896	714/46	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 11:12
S10 5	148	S104 and (trace\$1 tracing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 11:13
S10 6	144	S105 and (@ad<="20031112" @pd<="20031112" @rlad<="20031112" @prad<="20031112")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 15:08
S10 9	109	(717/134).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 11:53
S11 0	451	(703/15).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 11:54
S11 1	243	(703/28).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 11:54
S11 2	8	("20020095660"   "6161200"   "6301646"   "6782462").PN. OR ("2004/0216091"   "7178134"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/01 14:42
S11 3	15	("5335344"   "5522036"   "5581697"   "5838948"   "5872909"   "5911059"   "6161200"   "6195748"   "6311327").PN. OR ("6718485"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/01 14:57
S11 4	20	((S112 S113) not S98) and (@ad<="20031112" @pd<="20031112" @rlad<="20031112" @prad<="20031112")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 15:13
S11 5	217	(714/28).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 15:13



## EAST Search History

S11 6	85	(714/29).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 15:13
S11 7	243	(703/28).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 15:14
S11 8	109	(717/134).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 15:14
S11 9	979	((S115 S116 S110 S111 S109) not (S112 S113 S98)) and (@ad<="20031112" @pd<="20031112" @rlad<="20031112" @prad<="20031112")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 15:15
S12 0	928	((S115 S116 S110 S111 S109) not (S112 S113 S98 S100 S97 S105 S96)) and (@ad<="20031112" @pd<="20031112" @rlad<="20031112" @prad<="20031112")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 15:18
S12 1	220	((S116 ((S115 S110 S111 S109) and ((address\$2 location\$1) near3 (access\$3 referenc\$3) ))) not (S112 S113 S98 S100 S97 S105 S96)) and (@ad<="20031112" @pd<="20031112" @rlad<="20031112" @prad<="20031112")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 15:44
S12 2	2	("2005/0102572").URPN.	USPAT	OR	OFF	2007/06/01 15:38
S12 3	0	(S122 not (S116 ((S115 S110 S111 S109) and ((address\$2 location\$1) near3 (access\$3 referenc\$3) )) S112 S113 S98 S100 S97 S105 S96)) and (@ad<="20031112" @pd<="20031112" @rlad<="20031112" @prad<="20031112")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 15:45